HAND-FREE COLOR VIDEO DOORPHONE

Installation and

Operation Manual

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1. Brief introduction

Thanks for using our products, the four wire system video doorphone is a luxury used to villas for safety. It used advanced technology and newest chipset, which improves the stability of the system and far distance. The system has the function such as: hand-free surveillance, visible phone, volume adjustable, lock control, infrared vigil, two audio/video input, Insert a card for storing image, video or explorering pictures, auto turn off and so on. The system has multi tie-in function such as one camera to one monitor, one to two, one to three, two to one and two to two. Which satisfied by customer's require for different villa.

The products is faddish, goodliness, generous, thinner and hanging on the wall, portable, take less place, when as a adornment. The function is dependable and easy to use, it is the perfect family burglarproof facility and widely used in unitary flat, villa, office and public building, which is the best present for your friend.

For the sake of your safety, please use series burglarproof facility! It will make your life safe and easy!

2. Functions

Powerful function

Hand-free surveillance, auto display while calling, visible phone, volume adjustable, lock control, infrared vigil, two audio/video intput, Auto switching, recognise inputing AV channels, Storing Image,Motion detect, Mp3 player.

Hand-free phone

While calling by the visitor, you only need to press Hand-free button and then communicate with the visitor. You no need to take the phone by hand, easy to use.

High solution picture

Using the high resolution camera and 8 inch TFT LCD color digital screen. The resolution is 800˘RGB˘600. The picture is clear, nice, colorful and steady.

Conveniency in installation

It is very simple to install, easily using and maintain.

Thinner for hanging on the wall

Faddish, thinner for hanging on the wall, generous, portable, take less place, which as an adornment.

Multi Connection

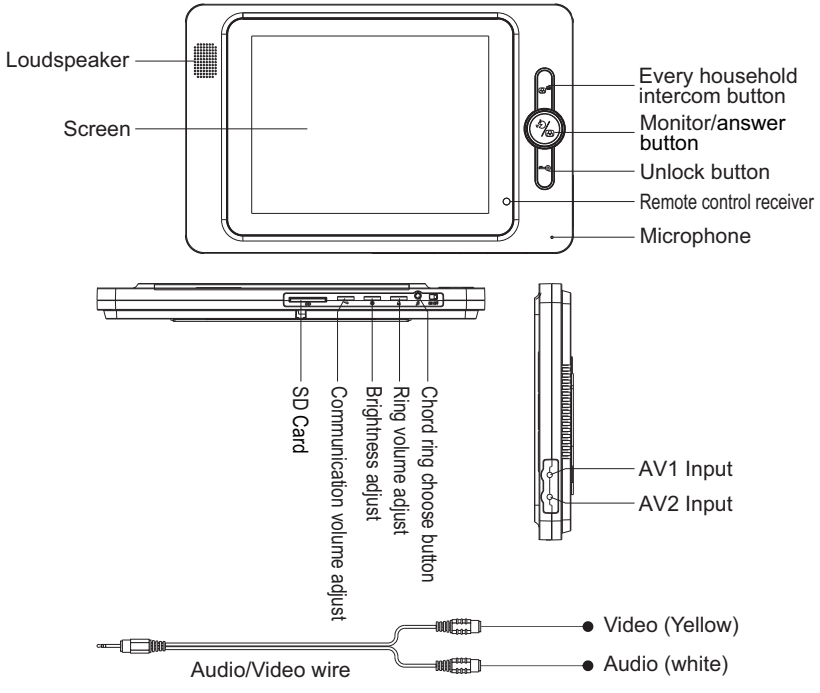
The system can be installed in multi tie-in manners as one camera to one monitor, one to two, one to three, two to one and two to two. It can satisfy the kinds of villa.

Security

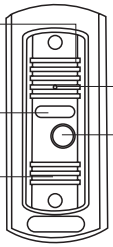
Infrared vigil: the system also can watch anything and see the visitor clearly at night. Sure who is there before unlock, which is safer.

3. Descriptions as illustrated

1. Indoor-monitor



2. Camera



Microphone
for communication with the indoor monitor

Infrared light tube
The in-set Infrared light tube enable you to distinguish the visitor under the insufficientlight

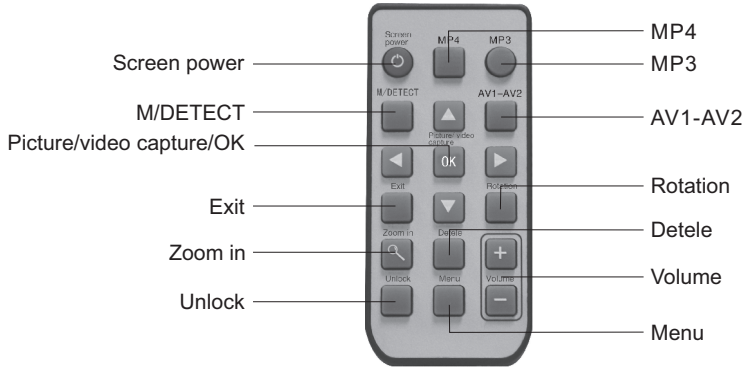
Loud Speaker

Pinhole lens of the Camera
The lens can transmit the picture of the visitor to the monitor

Call button
When the visitor presses this button, the visitor's picture will be displayed on the monitor and a sound of music will remind you the visitor's coming.

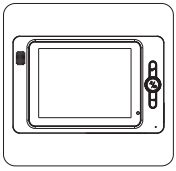
3. Descriptions as illustrated

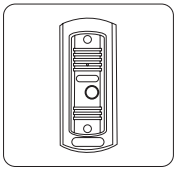
3. Remote Control

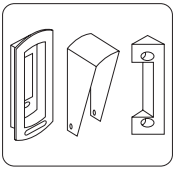


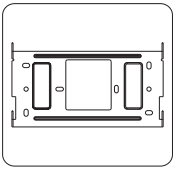
4. Preparations before installation

Check the pack


Indoor monitor

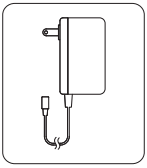

Camera


Camera accessory

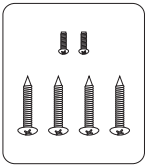

Monitor bracket

Operation manual

Remote Control

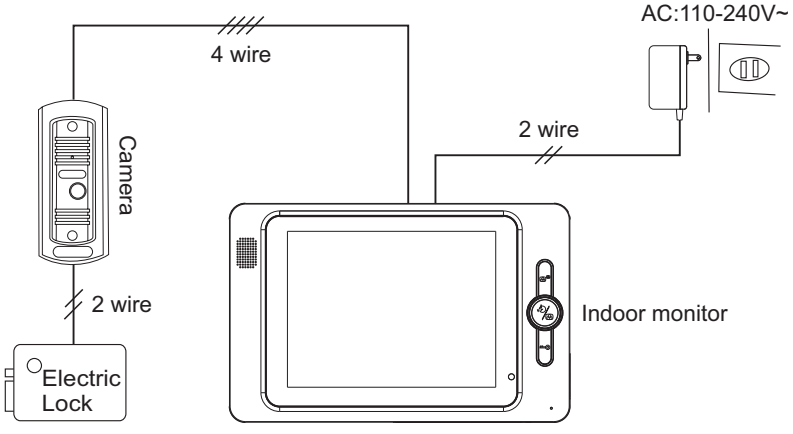

AC adapter

A/V cable and connection wire


Screw

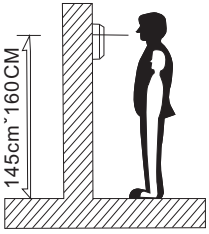
5. Installation

1. System diagram



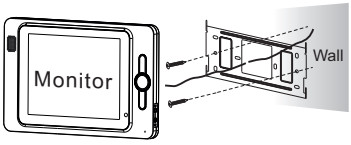
2. Installation of the monitor

The optimum height of the monitor for installation is 145 cm˜160cm from the centre of the screen of themonitor to the ground. (This data provides to consult only)

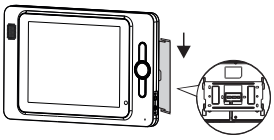


Please follow the below steps before installation:

1. Take two bolts fix the bottom piece on the wall and then install the monitor



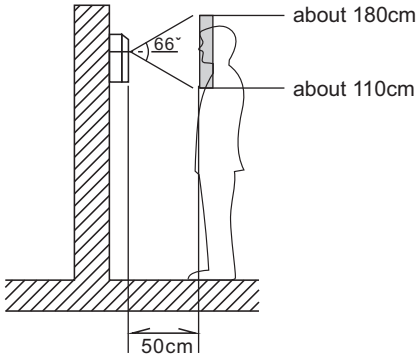
2. Push indoor unit to mount bracket from the top dowm.

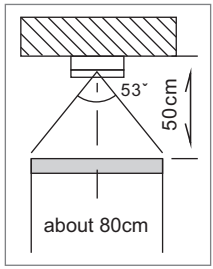


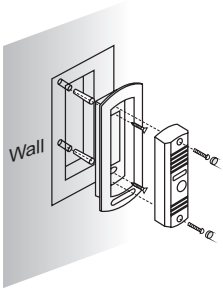
In case to pull out the indoor unit, please follow the step 1 and 2.

3. Installation of the camera

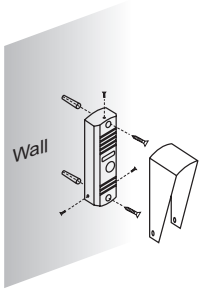
Positioning



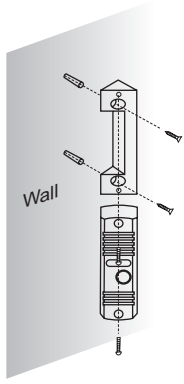




(1)Flush mount type



(2)Surface mount type



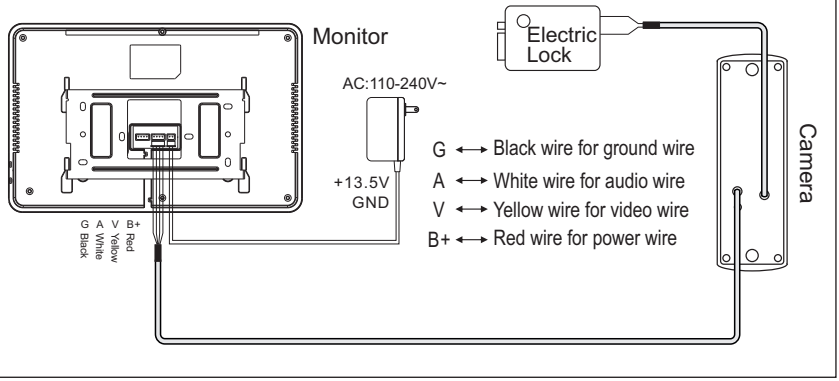
(3)Bevel-surface mount type

Notice:

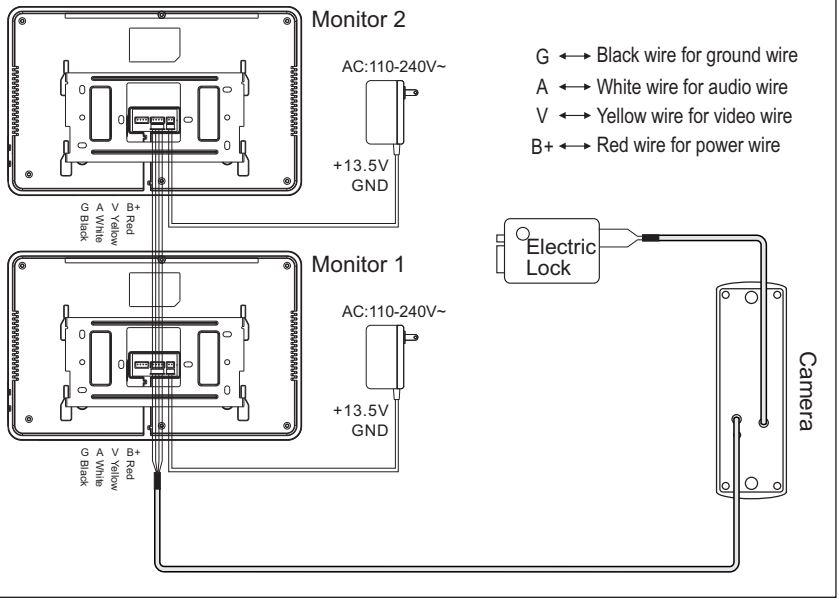
Do not install the camera on the places under the sunshine. If the street light or other light reflect at the back of the visitor, you need to install lamps to make the picture more clearer.

6. Wire connection

1. Diagram of one to one

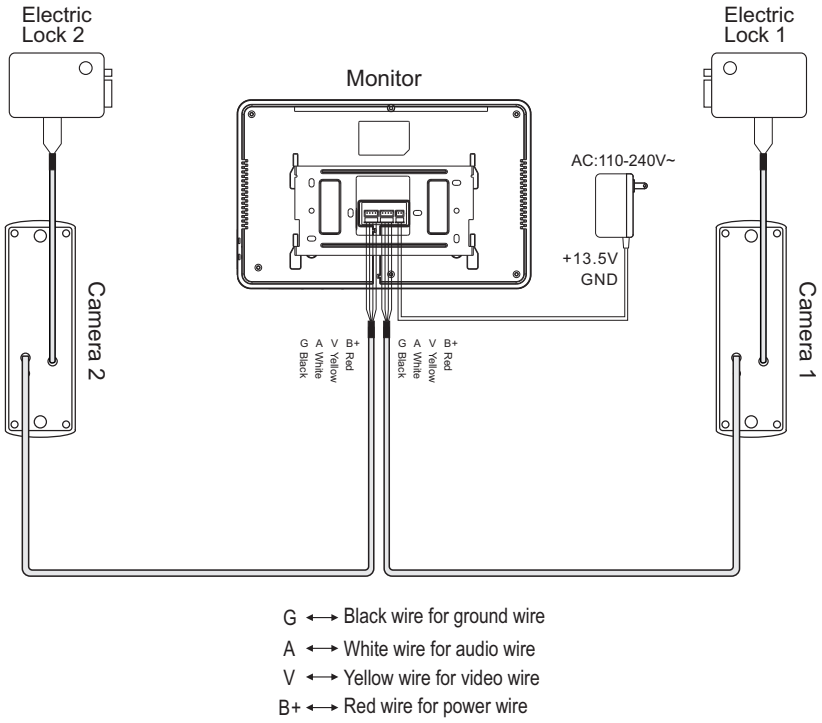


2. Diagram of one to two



6. Wire connection

3. Diagram of two to one



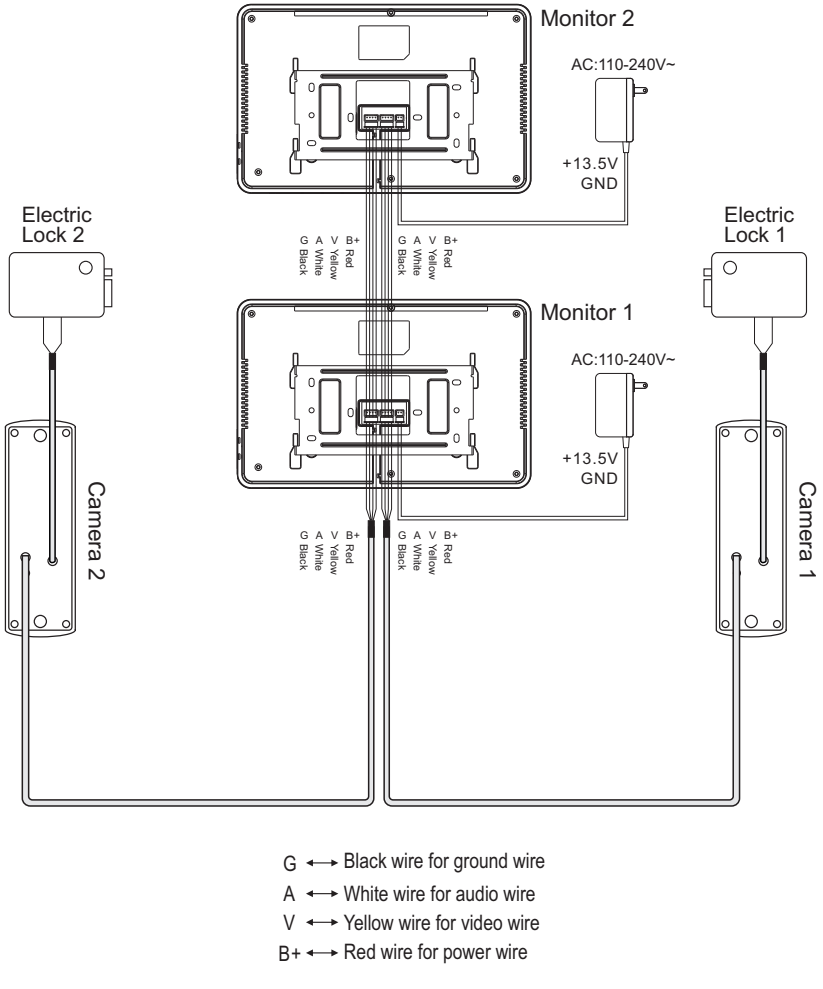
G ⟷ Black wire for ground wire
A ⟷ White wire for audio wire
V ⟷ Yellow wire for video wire
B+ ⟷ Red wire for power wire

Notice

1. Before install, please plug off the power supply cord. And plug the power supply cord after installation.
2. The length connecting wire between the camera and the monitor must be less than 50 metres.
3. For the clear picture, it is recommended to use the copper wire of 4˟0.75mm^2.

6. Wire connection

4. Diagram of two to two



G ⟷ Black wire for ground wire
A ⟷ White wire for audio wire
V ⟷ Yellow wire for video wire
B+ ⟷ Red wire for power wire

7. Operation

˘Calling by the visitor

While the visitor press the "CALL" button, the Ding Dong sound will be heard from the indoor monitor, and the picture of the visitor is displayed on the monitor screen, and detail record for visitors' images to SD card. If no people at home or fail to press "MONITOR/ANSWER" button in time, the screen will be closed automatically in 1 minute.

When picture of visitor is displaying on monitor, press the "MONITOR/ ANSWER" button to communicate with the visitor, and press the button again to turn off the monitor. After press "MONITOR/ANSWER" within 1 minute, monitor will be turn off. If the communication continues over 1 minute, the screen will be turn off automatically. If you want to make doorlock released, press the "UNLOCK" button on monitor or remote.

˘Stakeout

While standby state, press the "MONITOR/ANSWER" button to display the picture outdoor.

˘Audio/Video Input

When there is only one AV inputed, the screen will display the channel which is connected; when there are two AV inputed, the monitor will display these two AV by automatically.

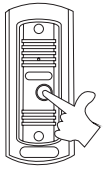
˘Memory Function

Power off the unit and Plug-in SD card press "MENU" on remote control. Sreen display "1" and photograph when key "OK" , Sreen display " " by flicker when video recording. "PLAY" buttom will help you to review the image and video clip. "UP" and "DOWN" for page turning, " " turn to "MENU" page; "DEL" can delete image and photo.

˘Other operation

If you think the monitor volume is not applicable or the picture shown on the screen is too light or too dark, you can adjust the Volume and Brightness knob to reach pleased effect of volume and picture.

7. Operation

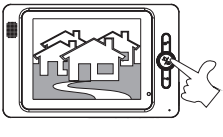


Press the Call button by the visitor.

Visitor will be shown on the screen,Video/picture will be took (according to setting)

Press the Monitor/answer button and communicate with the visitor.

Press the Unlock button to open the door.



On standby, press the Monitor/answer button then the outside picture is in stakeout.

8. Operation and explanation of remote control

Please turn off the unit before plug in the SD card. after SD card if plug on, there will be " SD " displaying on the screen.
Enter MENU, you can see total 7options, press MENU again for exit

1. you can press OK to record picture/ video when monitor is displaying the outdoor camera or AV input channels. if it is setted capture, in the right side of the bottom on the screen will show how many pictures it is taking; if it is setted video recording, image on screen will reduce to 640*480, and a red point in bottom will flash indicating that it is recording video. according to the belowing picture:

2. enter Menu and confirm with M-detect: when there is some moving object in front of camera, video/picture will be took automaticly. untill you press EXIT to exit this function. please be noticed that this function is only valid on the AV inputs, but not the outdoor camera .

3. enter video or photo to review all pictures and video. when displaying picture, use the " ⟲ " to spin the picture, when the solution of picture is more than 800*600, we can use " 🔍 " to zoom in.
when preview all pictures, use up and down buttons to sellect picture, left and right buttons to turn pags. use detele button to detele pictures or video. double press on OK button to start AUTO display of pictures.

8. Operation and explanation of remote control

4. enter MUSIC: use OK to play songs, up and down buttons tosellect, press OK again to pause, ESC to exit.

5. enter SETUP: there are more options of setup Beginning/Record Time/Photo Number/M-detect/M-detect Sensitiv/Time and date/Language/Format/System Info/ Default Setting

6. when there is one AV input, you can see that the AV channel number is showed on the screen. When there are two AV input, the monitor will display these two AV channels by Automaticly switching from each channel every 10seconds, or you can switch channels by remote control.

7. use EXIT to up to the previous MENU; UNLOCK buttons to release door lock

:Note

1. Timing setting will be default after about 7 seconds when you plug off the DC adapter of this product.
2. when power on, after the "LOADING" words are disappeared, then the unit is available for operation
3. The monitor will turn to black in power saving situation when no operation after 3mins in m-detect/MEMU condition. You can press the Power On button to turn on the screen again

9. Note

As illustrated

Do not put the doorphoe near the strong magnetic places.

1

Do not spray water or liquid to the video doorphone directly.

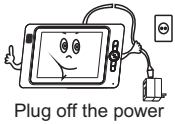
2

Do not shock the video doorphone

3

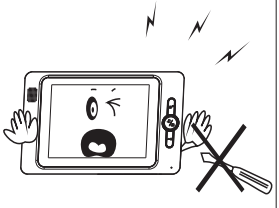
Do not expose video phone to the sunshine or strong reflection ray.

4



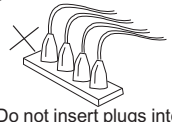
Plug off the power cord while not use for a long time.

5



Do not try to dismantle the doorphone, as the high voltage is inside it.

8



Do not insert plugs into a socket to be filled. (This will be caused a fire or short circuit)

6

Do not installed the doorphone near any ammonia or poisonous gas.

7

Do not wipe the machine with detergent or other chemic impregnant.

9

Do not try to dismantle the machine while failure to function. Please contact with the local service.

10

10. Trouble shooting

1. No sound while calling
   a. The connection cable between monitor and camera is loose.
   b. The volume has be turn to the end.
2. Unclear image
   Please check if the brightness is turned to too down, please adjust the brightness knob.
3. Can't unlock
   Unlock cable is not well connected, or shortcut. Or, the connection cable is too far away or too slim from the indoor and outdoor unit, please try to change to better quality cable. Otherwise, please check if the electric lock is compatible with this product.

11. Specifications

Indoor-monitor

Power Supply	DC 13.5V
Power Consumption	Standby: Ł3W; Working:˘10W; AVŁ5W
Screen	8" TFT color digital screen
Resolution	٨..˘RGB˘٦..
Video Input	١Vp_p
Cutoff-Time	Stakeout: 1 minute; Conversation: 1 minute;
Mike Sensitivity	-٣٦˘B ٢d
Operation Temperature	-١٥˘˘+٥.˘
Call Tone	chord ring
External Dimension	262˘170˘24(mm)

Outdoor-camera

Power Supply	DC 12V(supplied by the monitor)
Power Consumption	Working: Ł2W
Imagery Angle	Diagonal: about 53˘
Lamp-house at Night	Infrared LED
Operation Temperature	-١٥˘˘+٥.˘
External Dimension	160˘70˘26 (mm)

Warning:

To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.

The mains plug is used as the disconnect device, the disconnect device shall remain readily operable, and it shall be disconnected from the mains completely.

ˇ The plug is used as disconnect device form the mains supply, the plug shall remain readily operable.

ˇ The apparatus should not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

ˇ No naked flame sources, such as lighted candles, should be placed on the apparatus.

Notice:

ˇ Due to continuing improvements, the features and design are subject to change without notice.

ˇ This manual is only intended for reference. No further notice is available to any modification of all information contained therein.

ˇ For the imprecision, mistake or misprint in the manual, will be explained by the producer only.

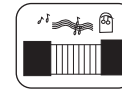
We are connected by true feeling !

Door Guard

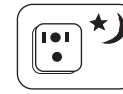
Warehouse

Baby Room

Gate Switch

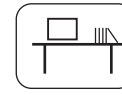


Visitor Door



Night Vision

Inter-com



Office